

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Horstemeyer

Confirmation No.:

Serial No.: 10/706,591

Group Art Unit:

Filed: November 12, 2003

Examiner:

Docket No.: 050847-1010

For: RESPONSE SYSTEMS AND METHODS FOR NOTIFICATION SYSTEMS FOR MODIFYING FUTURE NOTIFICATIONS

on the form PTO 1449 and is enclosed herewith.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

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This inf	formation disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:
\boxtimes	under 37 CFR 1.97(b), or (within Three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
	under 37 CFR 1.97(c) together with either a: Statement Under 37 C.F.R. 1.97(e), or a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever occurs first)
	under 37 CFR 1.97(d) together with a: Statement under 37 CFR 1.97(e), and a \$180.00 petition fee set forth in 37 CFR 1.17(p). (Filed after final office action or notice of allowance, whichever occurs first, but before payment of the issue fee)
Enclose	d is a check in the amount of \$.
Enclose	d is Credit Card Payment Form (PTO-2038) in the amount of \$
fees requ	harge \$0 to deposit account 20-0778. At any time during the pendency of this application, please charge any uired to Deposit Account 20-0778 pursuant to 37 CFR 1.25. The Commissioner is hereby requested to credit any ment to Deposit Account No. 20-0778.
(where believe(s	nt(s) submit herewith Form PTO 1449A - Information Disclosure Statement by Applicant together with copies required) of patents, publications or other information of which applicant(s) are aware, which applicant(s) s) may or may not be material to the examination of this application and for which there may be a duty to disclose dance with 37 CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.
other for 37 CFR is cited	se explanation of the relevance of foreign language patents, foreign language publications and reign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent in a search report or other action by a foreign patent office in a counterpart foreign application, an English e version of the search report or action which indicates the degree of relevance found by the foreign office is listed

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

THOMAS, KAYDEN, HORSTEMEYER

& RISLEY, L.L.P.

Bv:

Scott A. Horstemeyer, Reg. No. 34,

100 Galleria Parkway, Suite 1750 Atlanta, Georgia 30339-5948 770-933-9500

CERTIFIED MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as "First Class Mail," in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Mar Ch 10, 2001

Signature

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Attorney Docket No. Serial No. **050847-1010 10/706,591** Applicant

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11/12/03 U.S. PATENT DOCUMENTS Filing Date Class Subclass Examiner Item Document Date Name If Appropriate Initials Number 701 201 05/12/03 US2003/0195696 10/16/03 Α Jones 701 201 05/12/03 10/16/03 US2003/0195698 В Jones 701 201 05/12/03 US2003/0195697 10/16/03 Jones C 10/16/03 340 994 05/12/03 US2003/0193413 Jones D 207 05/12/03 US2003/0233190 12/18/03 701 Jones E 701 201 05/12/03 F US2003/0195699 10/16/03 Jones US2003/0098802 05/29/03 340 994 11/20/02 Jones G Н US2002/0016171 02/07/02 455 456 09/30/98 Doganata, et al. I J K L M FOREIGN PATENT DOCUMENTS Document Date Country Class Subclass Translation Number Yes No N WO 9313510 A1 07/08/93 Great Britain G08 G001/123 X 02/09/99 B61 L025/02 X 0 JP 11034872 A Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) P Q R * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. **EXAMINER'S SIGNATURE:** DATE CONSIDERED:

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ATION Horstemeyer Filing Date (Use several sheets if necessary) Group 11/12/03 U.S. PATENT DOCUMENTS Item Subclass Filing Date Examiner Document Date Name Class If Appropriate Initials Number 4,804,937 340 52 F Α 02/14/89 Barbiaux et al. В C D E F G Η I J K FOREIGN PATENT DOCUMENTS Subclass Translation Document Date Country Class Number Yes No L M N 0 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Moriok, et al., "Advanced Vehicle Monitoring and communication Systems for Bus Transit – Benefits and Economic Feasibility", Final Report - U.S. Department of Transportation, September 1991, Revised March 1993, Dot-T-94-03 Brynielsson, Thore, "Step by Step Development Towards Attractive Public Transport, Chalmers University of Q Technology, Gotebord, Sweden, Department of Transportation, 1976. R * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. **EXAMINER'S SIGNATURE:** DATE CONSIDERED:

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	Α	2002/0082770 A1	06/27/02	Jones					
	В	6,700,507	03/02/04	Jones		340	994	11/06/0)1
	С	2002/0016171 A1	02/07/02	Doganata, et al.		455	456		
	D	5.594,787	01/14/97	Ohshima, et al.		379	114	07/19/9) 5
	Е	RE35,920	10/13/98	Sorden, et al.		342	457		
	F	3,568,161	03/1971	Knickel		340	994		
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	L	2 559 930	08/23/85	France	GC	08G1	12		х
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	Α	3,644,883	02/22/72	Borman, et al.		340	23		
	В	3,845,289	10/29/74	French		235	151.2		
	С	3,886,515	05/1975	Cottin, et al.		340	994		•
	D	3,934,125	01/20/76	Macano		235	150.2		
	Е	4,220,946	09/02/80	Henriot		340	23	04/20/	78
	F	4,297,672	10/27/81	Fruchey, et al.		340	23		
	G	4,325,057	04/13/82	Bishop	.	340	539		
	Н	4,350,969	09/21/82	Greer		340	23		
	I	4,525,601	06/25/85	Barnich, et. Al.		379	7MM	12/13/	83
	J	4,585,904	04/29/86	Mincone, et al.		179	7.1 TP	01/06/	84
	K	4,713,661	12/15/87	Boone, et al.		340	994		
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		63288400	11/88	Japan		G08G1	12		
	M	WO 93/13510 A1	07/08/93	Great Britain		G08G1	123		<u> </u>
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	A	4,791,571	12/13/88	Takahashi, et a	l.	364	436		
	В	4,799,162	01/17/89	Shinkawa, et al. 36		364	436		
	С	4,804,837	02/14/89	Farley		250	251	01/11/8	38
	D	4,812,843	03/14/89	Champion III, e	t al.	340	905		
	Е	4,813,065	03/14/89	Segala		379	112	10/13/8	37
	F	4,857,925	08/15/89	Brubaker		340	994	01/11/8	38
	G	4,956,777	09/11/90	Cearley, et al.		364	424.02		
	Н	5,003,584	03/26/91	Benyacar,e t al.		379	119	04/16/9	90
	I	5,006,847	04/09/91	Rush, et al.		340	994	05/04/88	
	J	5,014,206	05/07/91	Scribner, et al.		364	449	08/22/8	38
	K	5,021,780	06/04/91	Fabiano, et al.		340	994		
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	Α	5,021,789	06/1991	Fabiano, et al.		264	436		
	В	5,048,079	09/10/91	Harrington, et a	I.	379	112	08/10/9	90
	С	5,068,656	12/21/90	Sutherland		340	989	12/21/9	90
	D	5,103,475	04/07/92	Shuen		379	115	10/29/9	90
	Е	5,113,185	05/12/92	Ichikawa		340	995		
	F	5,121,326	06/09/92	Moroto, et al.		364	449		
	G	5,122,959	06/16/92	Nathanson, et a	ıl.	364	436		
	Н	5,131,020	07/14/92	Liebesney, et al	i <u>.</u>	379	59		
	I	5,144,301	09/01/92	Jackson, et al.		340	994		
	J	5,146,491	09/08/92	Silver, et al.		379	114	08/08/9	91
	K	5,155,689	10/13/92	Wortham		364	460		
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	Α	5,168,451	12/01/92	Bolger		364	436		
	В	5,179,584	01/12/93	Tsumura		379	114	11/01/9	91
	С	5,218,629	06/08/93	Dumond, Jr., et	al.	379	59		
	D	5,218,632	06/08/93	Cool		379	126	10/16/9	91
	Е	5,223,844	06/29/93	Mansell, et al.		342	357		
	F	5,243,529	09/07/93	Kashiwazaki		364	449	06/29/9	92
	G	5,263,260	04/22/97	Jones	-	340	994		
	Н	5,299,132	03/29/94	Wortham		364	460		
	I	5,323,456	06/21/94	Oprea		379	375		
	J	5,351,194	09/27/94	Ross, et al.		364	449		
	K	5,361,296	11/01/97	Reyes, et al.		379	96		
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	A	5,381,338	01/10/95	Wysocki, et al.		364	449		
	В	5,381,467	01/10/95	Rosinski, et al.		379	121	10/30/9	92
	С	5,394,332	02/28/95	Kuwahara, et a	l.	364	449		
	D	5,398,190	03/14/95	Wortham		364	460		
	Е	5,400,020	03/21/95	Jones		340	994		
	F	5,420,794	05/30/95	James		364	436		
	G	5,432,841	07/11/95	Rimer		379	59		
	Н	5,440,489	08/08/95	Newman		364	426.05	01/21/9	93
	I	5,444,444	08/22/95	Ross		340	994		
	J	5,448,479	09/05/95	Kemner, et al.		365	424.02		
	K	5,461,374	10/24/95	Lewiner, et al.		340	994		
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	A	5,483,234	01/09/96	Correel, et al.		340	994	06/02/9	94
	В	5,483,454	01/19/96	Lewiner, et al.		364	443		
	С	5,493,295	02/20/96	Lewiner, et al.	·	340	994		
	D	5,493,694	02/20/96	Vlcek, et al.		455	53.1		
	Е	5,506,893	04/09/96	Buscher, et al.		379	114	11/29/9	94
	F	5,515,421	05/07/96	Sikand, et al.		379	67	07/26/9	94
	G	5,519,621	05/21/96	Wortham		364	460		
	Н	5,526,401	06/11/96	Roach, Jr., et a	l.	379	59		
	I	5,539,810	07/23/96	Kennedy III, et	al.	379	59		
	J	5,544,225	08/06/96	Kennedy III, et	al.	379	59		
	K	5,546,444	08/13/96	Roach, Jr., et a	ıl.	379	59		
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	A	5,552,795	09/03/96	Tayloe, et al.		342	357	05/03/9	94
	В	5,559,871	09/24/96	Smith		379	115	09/23/9	94
	С	5,577,101	11/19/96	Bohm		379	58	04/10/9	96
, <u>-</u> .	D	5,579,376	11/26/96	Kennedy III, et a	al.	379	60		
	Е	5,587,715	12/24/96	Lewis		342	357	<u> </u>	
	F	5,594,650	01/14/97	Shah, et al.	,	364	449.1		
	G	5,602,739	02/11/97	Haagenstad, et	al.	364	436	11/22/9	95
· ·		5,623,260	04/22/97	Jones		340	994		
	I	5,648,770	07/15/97	Ross		340	994		
		5,652,707	07/29/97	Wortham		364	460		
		5,657,010	08/12/97	Jones		340	994		
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	A	5,668,543	09/16/97	Jones		340	994		
	В	5,673,305	09/30/97	Ross		379	58		
	С	5,694,322	12/02/97	Westerlage, et a	al.	364	464		
-	D	5,694,459	12/02/97	Backaus, et al.		379	427	01/16/9	97
	E	5,699,275	12/16/97	Beasley, et al.		364	514 R		
	F	5,712,908	01/27/98	Brinkman, et al.		379	119	05/17/9	96
	G	5,715,307	03/03/98	Zazzera		379	265	04/18/9	96
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	I	5,724,243	03/03/89	Westerlage, et a	al.	364	446	02/10/9	95
	J	5,724,584	03/03/98	Peters, et al.		395	671	08/15/9	96
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	Α	5,732,074	03/24/98	Spaur, et al.		<u>-</u> -	370	313			
	В	5,736,940	04/07/98	Burgener			340	994			
	С	5,739,774	04/14/98	Olandesi			340	994		07/12/9	96
	D	5,742,672	04/21/98	Burk			379	198		07/18/9	95
	Е	5,751,245	05/12/98	Janky, et al.			342	357			
	F	5,760,742	06/02/98	Branch, et al.			342	457		08/20/9	97
	G	5,771,282	06/23/98	Friedes			379	121	-	12/04/9	96
	Н	5,771,455	06/23/98	Kennedy III, e	t a	al.	455	456			
	I	5,781,156	07/14/98	Krasner			342	357		04/23/9	97
	J	5,784,443	07/21/98	Chapman, et a	al.		379	119		02/01/9	96
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	A	5,796,365	08/18/98	Lewis		342	357		
	В	5,799,073	08/25/98	Fleischer, III, et.	al.	379	113	06/07/9	95
	С	5,799,263	08/25/98	Culbertson		701	117		
	D	5,805,680	09/08/98	Penzias		379	118	01/02/9	96
	Е	5,808,565	09/15/98	Matta, et al.		340	994		
	F	5,835,580	11/10/98	Frazer		379	115	04/04/9	96
	G	5,841,847	11/24/98	Graham, et al.		379	114	04/11/9	97
	Н	5,864,610	01/26/99	Ronen		379	127	01/26/9	98
ï	I	5,875,238	02/23/99	Glitho, et al.		379	116	12/21/9	95
	J	5,881,138	03/09/99	Kearns, et al.	117 117 117	379	114	04/25/9	97
	K	5,910,979	06/08/99	Goel, et al.		379	120	10/20/9	97
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	Α	5,912,954	06/15/99	Whited, et al.		379	115	12/31/	97	
-	В	5,915,006	06/22/99	Jagadish, et al.	-	379	127	05/01/9	97	
	С	5,920,613	07/06/99	Alcott, et al.		379	114	04/25/	97	
	D	5,922,040	07/13/99	Prabhakaran	-	701	117			
	Е	5,937,044	08/10/99	Kim		379	121	09/30/	96	
	F	5,943,320	08/24/99	Weik, et al.		370	259	12/12/	96	
	G	5,943,406	08/24/99	Leta, et al.		379	120	09/30/	97	
	Н	5,943,657	08/24/99	Freestone, et a		705	400	09/30/	96	
	I	5,945,919	08/31/99	Trask		340	825.491			
	J	5,946,379	08/31/99	Bhusri		379	115	07/31/	98	
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	Α	5,952,659	12/22/98	Welter, Jr.		379	116	12/29/9	95
	В	5,955,974	09/21/99	Togawa		340	994		
	С	5,956,391	09/21/99	Melen, et al.		379	114	02/10/9	97
	D	5,982,864	11/09/99	Jagadish, et al.		379	115	05/01/9	97
	Е	5,987,103	11/16/99	Jagadish, et al.	·	379	114	03/19/9	97
	F	5,987,377	11/16/99	Westerlage, et a	al.	701	204	03/02/9	98
	G	5,991,377	11/23/99	Malik		379	114	08/11/9	97
	Н	5,991,380	11/23/99	Bruno, et al.		379	115	10/21/9	97
	I	5,991,381	11/23/99	Bouanaka, et al		379	115	10/30/9	97
	J	5,995,602	11/30/99	Johnson, et al.		379	116	03/24/9	99
	K	6,006,159	12/21/99	Schmier, et al.		701	200		
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	Α	6,111,538	08/2000	Schuchman, e	et a	al.	342	357			
	В	6,124,810	09/26/00	Segal, et al.			340	994			
	С	6,134,501	10/17/00	Oumi			701	209		08/31/9	8
-	D	6,137,425	10/24/00	Oster, et al.			340	994		11/24/9	8
	Е	6,144,301	11/07/00	Frieden			340	572.	8	02/10/9	97
	F	6,178,378	01/23/01	Leibold			701	202		04/30/9	99
	G	6,184,802	02/06/01	Lamb			340	994			
	Н	6,191,708	02/20/01	Davidson			340	994			
	I	6,253,148	06/26/01	Decaux, et al.			701	204			
	J	6,278,936	08/21/01	Jones			701	201			
~	K	6,313,760	11/06/01	Jones			340	994			
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	A	6,317,060	11/13/01	Jones		340	994		
	В	6,360,101	09/19/02	Irvin		445	456		
	С	6,363,254	03/26/02	Jones, et al.		455	456		
	D	6,363,323	03/26/02	Jones		701	213		
	Е	6,374,176	04/16/02	Schmier, et al.		701	200		
	F	6,400,956	06/04/02	Richton	-	455	456	1	
	G	6,411,891	06/25/02	Jones		701	201		
	Н	6,415,207	07/02/02	Jones		701	1		
	I	6,486,801	11/26/02	Jones		340	994		
	J	6,492,912	12/10/02	Jones					
	K	6,510,383	01/21/03	Jones			,		
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	Α	6,618,668	09/09/03	Laird		701	204	04/26/	00	
	В	6,683,542	01/27/04	Jones		340	994	12/09/		
	С	US2003/0233188	12/18/03	Jones		701	200	05/12/		
	D	US2003/0193414	10/16/03	Jones		340	994	05/12/	03	
		US2003/0093218	05/15/03	Jones		701	201	12/18/		
		US2003/0193412	10/16/03	Jones		340	994	10/16/		
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	Α	2002/0069017A1	06/06/02	Schmier, et al.		701	213	01/18	/02
	В	2003/0098802A1	05/29/03	Jones		340	994	11/20	/02
	С	2002/0099500A1	07/25/02	Schmier, et al.		701	200	02/01	/02
	D	4,894,649	01/16/90	Davis		340	825.44	01/07	/88
	Е	5,097,429	03/17/92	Wood, et al.		364	569	04/23	/90
	F	5,271,484	12/21/93	Bahjat, et al.		187	29.1	04/10	/91
	G	5,428,546	06/27/95	Shah, et al.		364	449	10/16	/92
	Н	5,446,678	08/29/95	Saltzstein, et al.		364	514	12/18	/92
	I	5,570,100	10/29/96	Grube, et al.		364	446	03/10	/94
	J	5,680,119	10/21/97	Magliari, et al.		340	904	06/06	/96
	K	5,513,111	04/30/96	Wortham		364	460	07/22	/94
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	Q	"Vehicle Location and Flee	et Management	Systems", IEE Colloq	uium, Computing	and Cont	rol Division,	June 8, 19	193
	R	The 3rd International Conf	erence on Vehic	cle Navigation & Infor	mation Systems ((VNIS) No	orway, Septel	ber 2-4, 19	992,
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	В	5,774,825	06/30/98	Reynolds		364	449.7	10/18	/95
	С	5,808,565	09/15/98	Matta, et al.		340	994	03/21	/97
	D	6,094,149	07/25/00	Wilson		340	904	10/03	/97
	Е	6,097,317	08/01/00	Lewiner, et al.		340	994	04/30	/97
	F	6,222,462	04/24/01	Hahn		340	904	05/13	/99
	G	6,240,362	05/29/01	Gaspard II		701	209	10/19	/00
	Н	6,253,146	06/26/01	Hanson, et al.		701	202	12/06	/99
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	Q	"Vehicle Navigation & Info	ormation Syster	ns Conference Procee	dings" (P-253), S	ociety of A	Automotive E	Engineers,	Inc.,
		October 1991, pp. 789-796	•						
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	.	September 1991, Revised	March 1993.						-	
	R	Koncz, et al., "GIS-Based	Transit Informa	tion Bolsters Travel	Op	otions", GIS Wo	rld, July 19	995, pp. 62-6	4.	-
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	A	Helleker, Jan, "Real-Time" terminals, IEEE – IEE Vehi							
	В	Burgener, E.C., et al., "A I Systems Conference, Ottaw	Personal Transit a, VNIS 1993, p	Arrival Time R p. 54-55.	eceive	er", IEEE – IEE V	ehicle Na	vigation & I	nformation
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